Datasheet

Gigabit Copper SFP Transceiver

FEATHRES

-MSA compliant

-RoHs compliant

-IEEE-802.3z and 802.3ab compliant

-Power supply: 3.3V

-SCA - 2 Host connector

-Standard RJ-45 Connector

-Hot Pluggable

-TTL Signal detect indicatior

-Switch to switch interface

-0°C ~70°C Operating Temperature

Gigabit Copper SFP is based on IEEE 803.2/Gigabit Ethernet 1000Base-TX specification and Multi-source Agreement (MSA) compliant. The module supports 10/100/1000 Base-TX auto-negotiation operation and 100m transmission distance over unshielded twisted-pair (UTP) category-5 cable. It supports the Security Gateway Management interface (SGMI)

Ordering Information

Part Number	Description
250010	1.25Gbps 1000Base-T Copper SFP Transceiver

Connector Types

Standard Connector	RJ-45

Operational Ranges

Supply Voltage	3.1V-3.5V
Max Voltage	3.5V
Max Current	300mA

Warranty

2 Year Warranty

Specifications

Specifications	Min	Max	Unit	Note
Data Rate	1	1000	Mb/sec	IEEE 802.3 Compatible
Cable Length	-	100	M	UTP-Cat.5